

CWSF 2009 - Winnipeg, Manitoba



Nick Hayden

Aerodynamics of Transport Trucks

Division: Health Sciences / Automotive

Category: Junior

Region: Yukon Stikine

City: Whitehorse, YT

School: Christ the King Elementary

Abstract: My project is about the testing of aerodynamics of transport trucks and to see if a modern truck's aerodynamics can be improved to reduce fuel consumption and emissions. To do this I made a small wind tunnel and tested the drag forces of three types of model trucks, made modifications and recorded the results.

Biography

My name is Nick Hayden. I am twelve years old and a 2nd Degree Brown Belt in Shotokan Karate. I am trained in the sword, sai, bo staff and I am currently learning the bow and arrow. I like basketball, football, badminton, and tennis. I am a decent swimmer and I like to draw. My favourite subjects in school are gym, science and socials. I like ancient Romans and Greeks, especially the Gladiators and Spartans. I like Greek myths and know a lot about them.

Awards

Value

The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Automotive - Junior Sponsor: AUTO21	\$300
Bronze Medal - Engineering - Junior Sponsor: Youth Science Canada	\$300
Total	\$1 600